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LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,  
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(54) Title: EXPRESSION OF MODIFIED ANTIBODIES IN AVIAN CELLS

(57) Abstract: The present invention relates to construct and methods which allow the expression of immunoglobulins or functional fragments thereof which have been altered so that they are humanised. The expression of the immunoglobulins or fragments thereof takes place in avian cells, and the constructs used have been altered such that the expression levels in avian cells are higher than what would have been expected by simply using a humanised construct. The alterations are based on changing codons so that each amino acid of the codon that is used is the one which is most often found in avians.

## INTERNATIONAL SEARCH REPORT

Intern: application No  
PCT, ... J2/03692

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/67 C07K16/02 C07K16/18 C12N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BIOSIS, MEDLINE, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MOHAMMED S M ET AL: "Deposition of genetically engineered human antibodies into the egg yolk of hens" IMMUNOTECHNOLOGY, ELSEVIER SCIENCE PUBLISHERS BV, NL, vol. 4, no. 2, October 1998 (1998-10), pages 115-125, XP004153636 ISSN: 1380-2933	20
Y	abstract	1-19, 21-25
X	WO 99 10505 A (UNIV GUELPH ;ETCHES ROBERT J (CA); WILDEMAN ALAN G (CA); MOHAMMED) 4 March 1999 (1999-03-04)	20
Y	claims 1-28	1-19, 21-25
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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